

What Is Claimed Is:

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1. A method of non catalytic organic synthesis, which comprises performing an organic synthesis reaction by utilizing supply of OH^- from water in the absence of catalyst without addition of basic catalyst in supercritical water or subcritical water of at least 350°C .

2. A method of increasing the reaction rate of an organic synthesis reaction, which comprises performing the organic synthesis reaction by utilizing supply of OH^- from water in the absence of catalyst without addition of basic catalyst in supercritical water or subcritical water of at least 350°C .

3. The method according to claim 1, wherein alcohol and carboxylic acid are generated by performing a Cannizzaro reaction in the absence of catalyst without addition of basic catalyst in supercritical water or subcritical water of at least 350°C .

4. The method according to claim 2, wherein alcohol and carboxylic acid are generated by performing a Cannizzaro reaction in the absence of catalyst without addition of basic catalyst in supercritical water or subcritical water of at least 350°C .

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5. The method according to claim 3, wherein alcohol and carboxylic acid are generated from an aldehyde in the absence of catalyst without addition of basic catalyst near the critical point.

6. The method according to claim 4, wherein alcohol and carboxylic acid are generated from an aldehyde in the absence of catalyst without addition of basic catalyst near the critical point.

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